

The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •
ISSUE 302 SEPTEMBER 6, 1985

PROPAGATION: Sept 4-7, High Normal; Sept 8, Below Normal; Sept 9, Disturbed; Sept 10, Below Normal; Sept 11-15, Low Normal; Sept 16, High Normal. TNX N4XX.

Flux (80)	Flux (81)	Flux (82)	Flux (83)	Flux (84)	Date	Flux ----1985----	A	K
170	249	138	109	74	8/23	71	18	3
163	248	140	108	74	8/24	71	13	2
152	249	155	108	80	8/25	71	19	3
151	268	153	102	81	8/26	71	13	3
156	255	177	104	86	8/27	72	18	2
165	270	178	102	89	8/28	72	13	2
175	249	182	101	87	8/29	72	17	2

We've been touting the possibility of a 27.5 day propagation cycle, centered on the first week of each month, beginning in early May. Further proof that something has been happening is that on July 2 (when Europeans were heard here on 24 MHz), the K1NFE 6 Meter beacon was heard in both England and Sweden. Arnie's 50.440 beacon runs 40 watts DC input to a turnstile antenna...fed through almost 500 feet of hardline. The antenna is about 70 feet high.

• DJ5RT announced he would activate a "rare African country" between about Sept 2 and 10; nothing had been heard from him as of mid-day Sept 2. He had said it would be a country "east of Senegal," (possibly Niger SU7).

• Although it's been only two and a half years since two expeditions activated Heard Island simultaneously, that DXCC country has climbed back up our most-needed listings. Latest word from Jim Smith was no word, with the expedition's departure date of Sept 16 from Hobart Australia looming. One member confirmed for the team is a "radio technician" but Jim had no indication if the technician would be a licensed ham.

Kirsti Jenkins Smith, VK9NL, has written a book on the Heard Island DX Association's 1983 operation, to be on the market in October. The book is being published on Norfolk Island and Kirsti is arranging distribution rights in both the U.S. and Australia. Price and availability will be announced shortly.

• A now-defunct DX newsletter reported last week that OH2BH was saying he would operate from Tirana, Albania, during a trade fair, beginning Sept 1. We have no reports as of the 2nd of Sept.

• The annual W9DXCC convention will be held Sept 21 in Glen Ellyn Illinois, with several speakers and programs on tap. Past attendees will automatically receive a mailer from the convention committee; you can request further information from Howie Huntington, 65 S. Burr Oak Dr., Lake Zurich IL 60047.

• Jim Neiger, N6TJ, will sign D44BC from the Cape Verde Islands during the CQ WW CW contest at the end of November. Before and after the contest he will operate SSB only, so please don't ask for CW contacts then. Work him during the contest! All QSLs will have to go direct to D44BC's Callbook address.

• 8R1 Guyana is scheduled for the CQ WW SSB contest by NQ4I/8R1, Rick Dougherty. QSLs to WI4K. Rick will be active on both CW and SSB before and after the contest weekend.

• Germany's DX NL says G4CAQ will be in the United Arab Emirates (A6) for a couple of years, beginning this month, and he is investigating the license situation.

ABOUT THE COUNTRIES-NEEDED SURVEY (p2,3)

WE ARE INDEBTED again this year to Everett Jackson, WA8CZS, who printed the Survey forms and then processed them into usable data.

This year's Survey produced a disappointing 582 returns, down from 768 last year. For the third consecutive year the average DXCC total of those sending the forms in was 287.

While most of our long-time subscribers have upped their totals, we continue to get newcomers who hold the average total at the same figure. Another example of the new blood coming in is the climb of Heard Island back up the chart (it was on most recently in February, 1983).

It was distressing to see 54% of our Japanese readers reporting still needing Malpelo, following the operation just two years ago. We didn't produce a separate list for Europe this year, but most of the 30 or so who responded still needed Clipperton, as we suspected from correspondence following last spring's operation.

The data presentation is somewhat different this year ... we hope you find it interesting. The editor's predictions for the Top 20 were in Issue 291, in case you want to see how we did.

One item we continue to find interesting is the drop from year to year of Burma, XZ, even though there have been no operations there accepted for DXCC for 20 years. We think there are a lot of people hoping that someday Burma will change its policy and somehow those XZ5A, etc. QSLs will start counting for DXCC. Personally, we are not optimistic.

Thanks to those of you who sent the Survey sheets back ... we hope for a better response next year.

SIXTH ANNUAL DXCC COUNTRIES-NEEDED SURVEY RESULTS

<u>ASIA</u>		<u>NA WEST</u>		<u>WORLD</u>		<u>NA MID</u>		<u>NA EAST</u>
ZA	89	ZA	85	001	ZA	83	ZA	86
3Y	86	70	81	002	70	79	XZ	82
70	78	3Y	81	003	3Y	77	3Y	80
XZ	71	VU/A	67	004	VU7/A	72	70	80
5A	64	A6	67	005	XV	68	VU/A	78
A6	54	XZ	66	006	YA	65	XV	74
HKOM	54	YA	64	007	4W	63	4W	68
4W	50	5A	64	008	XZ	63	YA	64
VP8 SGA	50	4W	63	009	5A	56	XU	63
VU7A	46	S9	60	010	S2	54	XW	60
YA	39	SV/A	58	011	XW	53	XU	57
1AO	39	XV	56	012	A6	52	S2	57
S9	36	FR/G	53	013	XU	51	5A	56
5U	36	3C0	51	014	S9	50	A6	56
ZS2M	32	S2	48	015	A5	47	S9	51
XV	29	A5	48	016	SV/A	45	XZ	47
VP8 SAND	29	5U	48	017	1S	44	4W	44
TN	29	TT	48	018	VP8 S GA	44	YA	44
9Q	29	VP8 SAND	47	019	ZS2M	43	XU	42
SV/A	25	ZS2M	46	020	VP8 SAND	43	S2	42
ET	25	FR/T	45	021	FR/GLOR	42	1S	42
TT	25	1AO	41	022	C9	40	5A	40
3C0	21	ABU AIL	41	023	3C0	39	A5	39
5X	21	VP8 S GA	40	024	5U	38	XZ	39
5R	21	FR J DE N	40	025	FR/J DE N	36	4W	37
PYO P&P	21	XW	39	026	FR/T	35	YA	36
TY	22	3B6	38	027	VU7/L	35	XU	35
VE SABLE	21	HKOM	38	028	ET	34	S9	35
FR/J DE N	18	VK HEARD	37	029	BY	32	A6	34
S2	14	5X	37	030	3B6	31	VP8 S GA	34
A5	14	C9	36	031	TN	30	VP8 SAND	31
C9	14	ET	35	032	60	28	ZS2M	31
FR/T	14	60	35	033	ABU AIL	28	47	30
60	14	XU	34	034	TT	27	SV/A	29
YI	14	TN	34	035	5X	27	FR/G	29
TZ	14	5R	34	036	YI	27	FR/J DE N	29
9G	14	PYOT	34	037	1AO	26	VU7/L	29
J5	14	TA	34	038	VK/HEARD	26	ET	29
1S	11	VU/L	32	039	KH5K	25	3B6	27
FR/G	11	PYO P&P	32	040	FB8X	25	FR/T	27
D6	31			041	5R	24	9M6/8	27
FH	31			042	ZL A&C	24	KH5K	26
1S	29			043	PYO P&P	24	FB8X	26
ST0	29			044	ST0	24	KH1	25
TZ	29			045	TT	24	VK MELL	25
9U	28			046	ABU AIL	23	TN	25
3V	28			047	PYO P&P	23	ZL A&C	25
TY	27			048	VK COCOS	23	FR8Z	25
SU	27			049	VK COCOS	23	VK HEARD	24
TJ	25			050	VK MACQ	23	KC6/W	24
5V	25			051	VK MACQ	23	TA	24
FB8Z	24			052	CEOX	23	5X	24
3C	24			053	FB8Z	23	D2	24
J5	24			054	CEOX	23	ABU AIL	24
YI	23			055	VK WILLIS	23	JD OGAS	23
9N	23			056	VK WILLIS	23	T31	23
UG6	22			057	JD M.T.	23	PYO P&P	22
CEOX	22			058	JD M.T.	23	VK XMAS	22
EP	22			059	FB8Z	23	TT	21
D2	21			060	CEOX	23	D6	20
					VK XMAS	23	FH	19
					JD OGAS	23		19

RANKINGS BY GEOGRAPHICAL AREA

Shown is the country name, followed by the percentage of respondents needing that country.

1980	1985 WORLD	%/RANK	1984
004 +03	ZA	83 001	001 N/C
007 +05	70	79 002	002 N/C
012 +09	3Y	77 003	004 +01
010 +06	VU7/A	72 004	006 +02
017 +12	XV	68 005	007 +02
019 +13	YA	65 006	009 +03
020 +13	4W	63 007	008 +01
003 -05	XZ	63 008	003 -05
022 +13	5A	56 009	011 +02
049 +39	S2	54 010	013 +03
026 +15	XW	53 011	012 +01
030 +18	A6	52 012	015 +03
008 -05	XU	51 013	010 -03
072 +58	S9	50 014	016 +02
055 +40	A5	47 015	019 +04
045 +29	SV/A	45 016	018 +02
053 +36	1S	44 017	017 N/C
053 +35	VP8 S GA	44 018	023 +05
N/A N/A	ZS2M	43 019	022 +03
048 +28	VP8 SAND	43 020	026 +06
015 -06	FR/GLOR	42 021	025 +04
N/A N/A	C9	40 022	021 -01
039 +16	3C0	39 023	027 +04
066 +42	5U	38 024	024 N/C
014 -11	FR/J DE N	36 025	028 +03
038 +12	FR/T	35 026	031 +05
005 -22	VU7/L	35 027	032 +05
N/A N/A	ET	34 028	029 +01
001 -28	BY	32 029	014 -15
N/A N/A	3B6	31 030	037 +07
028 -03	TN	30 031	035 +04
021 -11	60	28 032	038 +06
047 +14	ABU AIL	28 033	042 +09
033 -01	TT	27 034	034 N/C
023 -12	5X	27 035	030 -05
041 +05	YI	27 036	039 +03
N/A N/A	1A0	26 037	047 +10
006 -32	VK/HEARD	26 038	062 +24
N/A N/A	KH5K	25 039	048 +09
N/A N/A	FB8X	25 040	036 -04
031 -10	5R	24 041	041 N/C
058 +16	ZL A&C	24 042	044 +02
036 -07	PY0 P&P	24 043	060 +17
057 +13	ST0	24 044	045 +01
N/A N/A	KH1	23 045	050 +05
052 +06	VK COCOS	23 046	051 +05
018 -29	HKOM	23 047	049 +02
056 +08	VK MACQ	23 048	040 -08
N/A N/A	FB8Z	22 049	059 +10
N/A N/A	D2	22 050	045 -05
050 -01	VK MELL	22 051	043 -08
051 -01	FH	21 052	053 +01
062 +09	9M6/8	21 053	058 +05
037 -17	VK WILLIS	21 054	062 +08
062 +07	PYOT	21 055	056 +01
034 -22	TY	21 056	061 +05
043 -14	D6	21 057	067 +10
N/A N/A	UG6	21 058	071 +13
N/A N/A	JD M.T.	20 059	052 -07
059 -01	TZ	20 060	065 +05
N/A N/A	TA	20 061	067 +06
N/A N/A	VK XMAS	19 062	055 -07
011 -52	CEOX	19 063	005 -58
N/A N/A	3C1	18 064	033 -31
N/A N/A	JD OGAS	18 065	N/A NEW
N/A N/A	EP	18 066	N/A NEW
060 -07	BV	17 067	064 -03
N/A N/A	T31	17 068	053 -15
N/A N/A	CR9	17 069	066 -03
N/A N/A	KC6/W	17 070	072 +02
061 -10	J5	16 071	072 +01
067 -05	TJ	16 072	N/A NEW
045 -28	5V	16 073	069 -04

HOW TO DECIPHER THIS PAGE

"1985 WORLD" is the results of all 582 Survey sheets received and processed, in order of country, percent needing, and rank 001-073.

To the left of that, 1980, shows that country's rank in our survey five years ago, and how much its rank has changed in the past five years (+ means movement up the chart, - means movement down the chart).

The column labeled 1984 shows the country's position last year, followed by its movement on the chart in the past year.

Example: ZA Albania was #004 in 1980, moved up 3 places since then; 83 percent of respondents need it this year, its rank this year is #001, and in 1984 its rank also was #001, with no change (N/C) since 1984.

On the far right, the column labeled 1984 is a sort of the countries in this year's top 73 (only) in order of their rank last year. Note, for example, that there is no #20; last year #20 was Clipperton, which dropped out of the top 73 this year.

The box below this shows the remaining 27 countries in the Survey, followed by the percentage of respondents needing them and their rank (074-100).

THE FINAL 27

XF4	15	074
9U	15	075
9G	15	076
SU	14	077
3V	14	078
VS5	13	079
VP8 SHET	13	080
9N	13	081
VP8 ORK	13	082
JT	13	083
ZL/K	13	084
9X	12	085
HS	12	086
PYOF	12	087
FW	11	088
9Q	11	089
VE SABLE	11	090
KH3	10	091
KH7	10	092
HV	10	093
FOO	9	094
KH4	9	095
ZL/C	8	096
VR6	8	097
DESECHEO	7	098
5T	6	099
NAVASSA	5	100

1984

ZA	001
70	002
XZ	003
3Y	004
CEOX	005
VU7/A	006
XV	007
4W	008
YA	009
XU	010
5A	011
XW	012
S2	013
BY	014
A6	015
S9	016
1S	017
SV/A	018
A5	019
C9	021
ZS2M	022
VP8 S GA	023
5U	024
FR/GLOR	025
VP8 SAND	026
3C0	027
FR/J DE N	028
ET	029
5X	030
FR/T	031
VU7/L	032
3C1	033
TT	034
TN	035
FB8X	036
3B6	037
60	039
YI	038
VK MACQ	040
5R	041
ABU AIL	042
VK MELL	043
ZL A&C	044
D2	045
ST0	045
1A0	047
KH5K	048
HKOM	049
KH1	050
VK COCOS	051
JD M.T.	052
T31	053
FH	053
VK XMAS	055
PYOT	056
9M6/8	058
FB8Z	059
PY0 P&P	060
TY	061
VK WILLIS	062
VK/HEARD	062
BV	064
TZ	065
CR9	066
TA	067
D6	067
5V	069
UG6	071
J5	072
KC6/W	072
TJ	N/A
EP	N/A
JD OGAS	N/A

CALENDAR

ISSUE 302

AFRICA DJ5RT said he'd be on from somewhere Sep 2-10; Issue 302

ALBANIA More rumors Issue 302

MADEIRA DJ2BW/CT3 Sept 1-15

CONVENTION HEARD ISLAND W9DXCC Sep 21 near Chicago; 1302 Jim Smith waiting for Sept operation, needs permission, boat leaves 9/16

U.A.E. G4CAQ said to be in A6; 1302

AUCKLAND ZL9AA there now, 160-40 Meters

CHATHAM ZL7AA there on 10, 80 Meters

NORTH COOKS ZK1WL by ZL3AFH may stay until Dec

CHINA Active stations run-down I294

WILLIS VK9ZB on P29JS 14.220 net at 07Z

PITCAIRN VR6JR on through Sept, mostly 20

MAURITANIA 5T5SL (9X5SL) reported in EU 14.277 at 1700

GUINEA-BISSAU J5WAD on 20 SSB and CW

ST PIERRE FP/W3ESU (CW) and FP/K8CFU (SSB) Sep 11-15, 160 Meters only.

CHRISTMAS VK9XJ info Issue 301

COCOS-KEELING VK9XJ says no current operators

LEICHENSTEIN VK9YS reported to be no good

WALLIS HBONL Sept 15-OCT 27

MALI FW8AF there, need reports

E KIRIBATI T26FS, WC new stations; I298

KERGUELEN T32AB is back

SAO TOME FT8XB likes 20 SSB 0400-0600

SUDAN S92LB on 14.183 2030-2330Z4 his QSLs are good for DXCC

CONVENTION 9Y4RD talking about both Sudan ST and S. Sudan ST0 soon

QATAR DXPO Atlanta Sep 27-29 c/o KC4BX

KERMADEC A71AD said will be on 160 late Oct

ZL7OY (ZL4OY) expected on this winter

GALAPAGOS U.S. group complete for CQ WW Phone end of October

PETER I ISLAND Possible December by JF1IST; 1300

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